

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-002986**Date Inspected:** 12-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**Location:** Changxing Dao, Shanghai**Quality Control Contact:** Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** Sub-Assemblies (OBG) and Office.**Bid Item:** 77,78,79**Lot No:****Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Kenneth W. Cason Jr. arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections is to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

Sub-Assemblies (OBG)

Service Platform SP6-02, NOI Number 5727: In preparation for finish coat Interfine 979 Polysiloxane installation and in accordance with project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Service Platform SP6-02. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to additional required surface preparation (sanding).

Crash Barriers External Surfaces (50 Each), NOI Number 5729: In accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the final coat installation on Crash Barriers External Surfaces (50 Each). ABF and ZPMC QA/QC recorded final surface dry film thickness readings (DFT) in accordance with SSPC-PA2. Discrepancies noted on Crash Barriers E2-SB-002 PP100-100.5, W5-SB29-007 PP104.5-105 and W5-SB29-003 PP97.5-98. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit prior to proceeding with process to the next check point. No discrepancies noted on remaining (47 Each) and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

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Crash Barriers External Surfaces (24 Each), NOI Number 5732: In accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the final coat installation on Crash Barriers External Surfaces (24 Each). ABF and ZPMC QA/QC recorded final surface dry film thickness readings (DFT) in accordance with SSPC-PA2. No discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

Service Platform SP6-02, NOI Number 5735: In preparation for finish coat Interfine 979 Polysiloxane installation and in accordance with project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Service Platform SP6-02. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to additional required surface preparation (sanding).

Bike Path Panel BK004A-025 and BK004A-027, NOI Number 5741: In preparation for mist coat installation of Interfine 979 Polysiloxane, the Interzinc 22 undercoat on Bike Path Panel BK004A-025 and BK004A-027 was tested in accordance with SSPC-SP 1 (Surface Cleanliness). ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection prior to proceeding with process to the next check point.

Service Platform SP6-02, NOI Number 5742: In preparation for finish coat Interfine 979 Polysiloxane installation and in accordance with project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Service Platform SP6-02. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to additional required surface preparation (sanding).

Office

This Quality Assurance Inspector (QA) reviewed, recorded, and entered data from notice of inspection requests for the purpose of tracking and compliance to contract documents.

Note: Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Cason,Kenneth
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Quality Assurance Inspector

Reviewed By:	Miller,Mark
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QA Reviewer
